

IN THE CLAIMS

1. (previously amended) An isolated human uroplakin II (UPII) transcriptional regulatory element (TRE) comprising nucleotides 2028 to 2239 of SEQ ID NO:1, wherein said TRE exhibits urothelial cell-specific activity.

2. (previously amended) The UPII TRE of claim 1, comprising nucleotides 1647 to 2239 of SEQ ID NO:1.

3. (previously amended) The UPII TRE of claim 1, comprising nucleotides 1223 to 2239 of SEQ ID NO:1.

4. (previously amended) The UPII TRE of claim 1, comprising nucleotides 1 to 2239 of SEQ ID NO:1.

5. (previously amended) The UPII TRE of claim 1 comprising nucleotides 430 to 2239 of SEQ ID NO:1.

F2

6-53 (canceled)

54. (currently amended) An adenovirus vector comprising an adenoviral gene essential for replication under transcriptional control of a uroplakin II (UPII) transcriptional response element (TRE) comprising a nucleotide sequence selected from the group consisting of nucleotides 2028 to 2239 of SEQ ID NO:1; nucleotides 1647 to 2239 of SEQ ID NO:1; nucleotides 1223 to 2239 of SEQ ID NO:1; nucleotides 1 to 2239 of SEQ ID NO:1; nucleotides 430 to 2239 of SEQ ID NO:1; nucleotides 2023-2239 of SEQ ID NO:2; nucleotides ~~-587 to +4~~ 3005 to 3592 of SEQ ID NO:2; and ~~-965 to +4~~ 2627 to 3592 of SEQ ID NO:2.

55. (canceled)

56. (previously amended) An adenovirus vector according to claim 54, wherein the adenoviral gene essential for replication is an adenoviral early gene.

57. (canceled)

58. (previously amended) An adenovirus vector according to claim 56, wherein the adenoviral early gene is E1A.

59. (previously amended) An adenovirus vector according to claim 56, wherein the adenoviral early gene is E1B.

60. (original) The adenovirus vector of claim 59, wherein E1B has a deletion of the 19-kDa region.

61. (previously amended) An adenovirus vector according to claim 54, wherein the adenoviral gene essential for replication is an adenoviral late gene.

63. (previously amended) An adenovirus vector according to claim 54, wherein the uroplakin gene TRE is obtained from a mouse uroplakin II gene.

E3  
cont

64. (currently amended) An adenovirus vector according to claim 63, wherein the TRE comprises nucleotides ~~-587 to +1~~ 3005-3592 of SEQ ID NO:2.

65. (currently amended) An adenovirus vector according to claim 54, wherein said TRE comprises nucleotides ~~-965 to +1~~ 2627-3592 of SEQ ID NO:2.

66. (previously amended) An adenovirus vector according to claim 54, wherein the uroplakin II TRE is obtained from a human uroplakin II gene.

67. (previously amended) An adenovirus vector according to claim 54, wherein said TRE comprises nucleotides 1-2239 of SEQ ID NO:1.

68. (previously amended) An adenovirus vector according to claim 54, wherein said TRE comprises nucleotides 2023-2239 of SEQ ID NO:2.

69. (previously amended) An adenovirus vector according to claim 54, wherein said TRE comprises nucleotides 430-2239 of SEQ ID NO:1.

70. (currently amended) An adenovirus vector comprising

(a) an adenovirus gene essential for replication under transcriptional control of a uroplakin II transcriptional regulatory element (TRE) comprising a nucleotide sequence selected from the group consisting of nucleotides 2028 to 2239 of SEQ ID NO:1; nucleotides 1647 to 2239 of SEQ ID NO:1; nucleotides 1223 to 2239 of SEQ ID NO:1; nucleotides 1 to 2239 of SEQ ID NO:1; nucleotides 430 to 2239 of SEQ ID NO:1; nucleotides 2023-2239 of SEQ ID NO:2; nucleotides ~~-587 to +1~~ 3005 to 3592 of SEQ ID NO:2; and ~~-965 to +1~~ 2627 to 3592 of SEQ ID NO:2; and

(b) an E3 region.

71-77. (canceled)

78. (previously amended) The adenovirus vector according to claim 70, wherein the uroplakin II TRE is obtained from a mouse uroplakin II gene.

79. (previously amended) The adenovirus vector according to claim 70, wherein the uroplakin II TRE is from a human uroplakin II gene.

F2  
Cond

80-81. (canceled)

82. (previously amended) An *in vitro* host cell comprising the adenoviral vector of claim 54.

83. (previously amended) An *in vitro* host cell comprising the adenoviral vector of claim 70.

84-103. (canceled)

104. (previously amended) The adenovirus vector of claim 54, further comprising a polynucleotide encoding adenoviral death protein (ADP).

105. (previously amended) The adenovirus vector of claim 70, further comprising a polynucleotide encoding adenoviral death protein (ADP).

106. (previously amended) The adenovirus vector of claim 54, further comprising a GM-CSF gene.

*For  
copy*

gene.

107. (previously amended) The adenovirus vector of claim 70, further comprising a GM-CSF

---